

**Remarks**

The Applicant submits this Amendment and Response to Restriction Requirement in response to the Office action dated July 23, 2004, setting a shortened statutory period of reply of one month. Thus, this Amendment was due on or before August 23, 2004. Accordingly, a request for two-month extension of time is enclosed herewith. Please charge \$644.00 to Deposit Account no. 04-1415, \$430.00 of which covers the two-month extension of time fee and \$214.00 of which covers filing of additional claims. If any additional fees or petitions are required, please consider this a request therefor and authorization to charge Deposit Account No. 04-1415 as necessary.

**Restriction Requirement**

Claims 2-16 are currently pending in the application. Claim 1 was previously withdrawn. Claims 2, 3, 5 and 16 are independent claims. After entry of this paper, claims 2-4 and 16-27 will be pending.

In the Office action, the Examiner asserted two distinct inventions are claimed in the above-referenced application: Group I (claims 2-4 and 16), drawn to address re-ordering classified in class 345, subclass 564; and Group II (claims 5-15), drawn to texture memory and texel prefetch buffer classified in class 345, subclass 552. In response to the Examiner's restriction requirement, Group I (claims 2-4 and 6) is hereby elected, without traverse, for prosecution on the merits. Accordingly, claims 5-15 are hereby withdrawn.

**New Claims**

The Applicant has added claims 17-27 in this Amendment and Response. Independent claim 17 is similar to withdrawn claim 5, but is more clearly directed to address re-ordering, thus being encompassed within Group I.

**Conclusion**


The Applicant thanks the Examiner for a careful review of the claims. The Applicant respectfully submits the present Amendment and Response responds to the restriction requirement and places the application in condition for further substantive review.

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If the Examiner should require any additional information or believes any further issues exist which may be solved by telephone, please contact the undersigned at (303) 629-3400.

Respectfully submitted,

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